



GSA Federal Acquisition Training Symposium

April 25 – 26, 2017

Huntsville, AL

Learn > Discuss > Connect

Interact

Buying Green

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This presentation covers:

- **Environmental benefits** of buying green products
- Federal green purchasing **laws and requirements**
- Green purchasing **programs**
- GSA **tools and resources**



What is green purchasing (sustainable acquisition)?

- Purchasing products with specific environmental attributes
- Purchasing services under which those products are used or supplied



The Many Benefits of Going Green

- Protects the environment
- Protects public health
- Conserves natural resources
- Reduces waste
- Saves money
- Creates new markets



The Federal Footprint

- The federal government:
 - Spent **\$450 billion** on goods and services in
 - Spends **\$74 billion annually** on IT equipment & services
 - Spends **\$3.5 billion annually** to provide energy to its facilities
 - Owns/leases **650,000 vehicles** worldwide
 - Manages or owns nearly **1 of every 5 acres** in U.S.



Green Purchasing: Rooted in Law

Legislative Act	Environmental Benefit
Clean Air Act (1970)	Reduces air pollution
Resource Conservation and Recovery Act (1976)	Reduces waste and promotes recycled content products
Pollution Prevention Act (1990)	Reduces use of toxic substances during production
Energy Policy Act (1992; 2005)	Energy efficiency and conservation
Farm Security and Rural Investment Act (2002)	Promotes biobased products



Implemented through Rules and Guidelines

Executive Order 13693 (2015)

Planning for Federal Sustainability in the Next Decade

- Rescinds E.O. 13514 and 13423
- Removes 95% compliance requirement – ALL applicable contracts must be green
- Includes new green purchasing requirements
- Reduce federal GHG emissions 40% from 2008 baseline
- Supply chain GHG reporting requirement



The Federal Acquisition Regulation (FAR)

- The FAR consolidates many laws guiding acquisition
- FAR Part 23 requires federal agencies to ensure that 95% of new contract actions require products that are:
 - Energy-efficient
 - Biobased
 - Non-ozone depleting
 - Water-efficient
 - Environmentally preferable
 - Made with recovered materials



GSA's Green Icons on GSA Advantage!®

➤ CPG Compliant



➤ EPEAT



➤ Energy Star



➤ PRIME



➤ FEMP



➤ Low VOC



➤ WaterSense



➤ SNAP Approved



➤ BioPreferred



➤ NESHAP



➤ EPA Primary Metals Free

Environmental Program Considerations

- Buyers must be aware of issues related to:
 - Quantity: There are more than 400 standards, labels, and claims
 - Verification: Environmental claims may be “verified” or “self-designated”
 - Number of Attributes: Programs may cover single or multiple environmental attributes

Water Sense Product Categories

- Bathroom Sink Faucets
- Flushing Urinals
- High efficiency Toilets
- Landscape Irrigation services
- New Homes
- Pre-rinse Spray Valves
- Shower Heads
- Weather or Sensor based Irrigation Control Technologies

Recycle Content Products

- Construction Products
- Landscaping Products
- Non Paper Paper Products
- Paper and Paper Products
- Parks and Recreation Products
- Transportation Products
- Vehicular Products
- Miscellaneous Products

Energy Star and Energy Efficient Products

- Construction Products
- Commercial and Industrial Equipment
- Food Service Equipment
- Lighting
- Office Equipment
- Plumbing

Bio-Based and Bio-Preferred Product Categories

- Custodial Services
- Films and Packaging
- Food Services/Cafeteria
- Grounds maintenance
- Household Supplies
- Intermediates
- Minor Construction
- Office Supplies
- Operations and Maintenance
- Personal Care and Toiletries
- Safety Equipment
- Miscellaneous

Non Ozone Depleting Substances

- Refrigeration and Air Conditioning
- Foam Blowing Agents
- Cleaning Solvents
- Fire Suppression and Explosion Protection
- Aerosols, Solvents, Propellants
- Sterolants
- Tobacco Expansion
- Adhesives, Coatings, and Inks

Greening the Procurement Process

- Look for opportunities to integrate environmental considerations at each stage of the process:
 - Market research
 - Acquisition planning
 - Synopsis and solicitation development
 - Proposal evaluation
 - Contract award
 - Contract administration
 - Contract closeout

Greening Your Solicitation

- You have opportunities to integrate green throughout the solicitation
 - Instructions to offerors
 - Provisions and clauses
 - Performance requirements/product specifications
 - Packaging
 - Delivery
 - Evaluation



A Complete Purchasing Guidance Tool

sftool.gov/greenprocurement

The screenshot displays the Sustainable Facilities Tool (SFTOOL) website. At the top, the header includes the SFTOOL logo, the title "Sustainable Facilities Tool", a search bar, and a "Log On" button. Below the header is a navigation bar with tabs: "LEARN", "PLAN", "EXPLORE", "PROCURE" (highlighted), "SHARE", and "MY PROJECTS".

The main content area is titled "Green Procurement Compilation". It features a search bar with the placeholder text "Find the environmental requirements of your next purchase" and a "Search" button. Below the search bar are two tabs: "Products" (selected) and "Services".

The "Products" tab displays a list of product categories, each with a representative image, a title, a description, and a count of products:

- Appliances**: Commercial and residential appliances, such as clothes washers, ovens, and refrigerators. 23 PRODUCTS.
- Biomedical Equipment and Supplies**: Equipment and supplies that assist with activities and applications of clinical medicine. 17 PRODUCTS.
- Building Finishes**: Building interior products that provide finishing touches, such as carpeting, wallboards, paint and stains, and signage. 27 PRODUCTS.
- Building Furnishings**: Products used inside buildings, such as furniture, ice and vending machines, and water coolers. 5 PRODUCTS.
- Cafeteria Products**: Products used in the operation and maintenance of cafeterias, including tableware.

On the right side of the page, there is a sidebar with two sections:

- Get Additional Guidance**: A section titled "Guidance" with a "References" list including links to EPA's Comprehensive Procurement Guidelines, EPA's Significant New Alternatives Policy (SNAP) Program, EPA's WaterSense, The Federal Energy Management Program, and USDA's BioPreferred Designated Products.
- Find out about Environmental Programs**: A section featuring logos for various environmental programs (Energy Star, Green Seal, GreenSource, LEED, and others) and a "Learn More" button.

GPC Home Page

HOME

LEARN

PLAN

EXPLORE

PROCURE

SHARE

Search



Green Procurement Compilation

Find the environmental requirements of your next purchase...

Search

Products

Services

Search for products

Choose an Agency



Show

View products or services

View agency-specific product information

Appliances

Commercial and residential appliances, such as

23 PRODUCTS

Biomedical Equipment and Supplies

Equipment and supplies that assist with activities and applications of clinical medicine.

17 PRODUCTS

Building Finishes

Building interior products that provide finishing touches, such as paint, wall coverings, and stains, and signage.

27 PRODUCTS

Building Furnishings

Products used inside buildings, such as furniture, ice and vending machines, and water coolers.

5 PRODUCTS

Cafeteria Products

Ensure Your Purchase is FAR Compliant

Copiers

Last Updated: 3/6/2012

Procurement Info ⓘ

Energy Star
FEMP Standby Power

Related Requirements

Energy Star
Federal Energy Management Program
FAR Subpart 23.2 Energy and Water
FAR Subpart 23.1 Sustainable Acquisition**Find out about Environmental Programs**

Learn More

Download GPC Data

Excel

CSV

Text

GSA Advantage!®

- An online shopping and ordering system for federal agencies
- Provides access to **thousands** of contractors and **millions** of products and services
- Allows users to select icons to identify compliant products



gsaadvantage.gov



Environmental Program

Welcome to the GSA Environmental Program aisle on GSA Advantage.

Whether fulfilling a requirement or concerned about the environment, there are many reasons to choose environmentally sound products.

GSA Advantage offers thousands of products and services to meet your environmental purchasing goals. This Environmental page is designed to give you easy access to the wide variety of environmental products and services offered by GSA. We encourage you to purchase products designated as "Energy Star", "Recycled", "EPEAT" and more.

Note: For many products on GSA Advantage, vendors determine (self-certify) the environmental symbols listed with a product. If you have a question about a product's environmental specification, please contact the vendor directly for confirmation prior to placing order.

Go Green

GSA offers products and services that support your Green efforts and help our nation build a clean energy future and protect the environment.



► learn more about GSA's Green Initiatives >>

"Drive Green with GSA" Alternative Fuel Vehicles

► Support our Planet GSA Program with AFVs



Product Search

Look for:

in

All Categories



Search

Select an environmental program below

Note: checking more than one will return only those items having all the indicators selected



BIO
BASED

Bio-Based



ETV

ETV



PRIME

PRIME Item



CA

CA Air Quality Compliant



FEMP

FEMP Energy Efficient item



Recycled

Recycled Content

Find out more about...

Go Green

At GSA, we offer products and services that support your Green efforts and help our nation build a clean energy future and protect the environment.

[learn more »](#)

GSA Environmental Policy

GSA is committed to provide world class products and services that minimizes harm to the environment, safety, and health. GSA is living up to this commitment, not only in regards to the products and services we provide customers, but also in the way we conduct internal operations.

[view GSA Environmental Policy »](#)

GSA's Environmental Services

Reduce your agency's environmental footprint and meet agency goals through the services available on Schedule 899.

[learn more »](#)

GSA's Environmental Products

Smarter Solutions for a Better Environment
GSA offers a variety of environmentally friendly products and services to assist in your environmental procurement responsibilities.

[learn more about GSA solutions »](#)

Environmental Symbols

What do the environmental symbols on GSA Advantage mean?

[view the Symbol definitions »](#)

Recycling & Property Disposal

GSA helps federal agencies protect the

Product Example: Carpet Cleaner

- This is what comes up when you do not use the environmental aisle, but search through GSA Advantage!®...

The screenshot shows the GSA Advantage! website interface. At the top, there's a navigation bar with links like 'My Account', 'Order Status/History', 'Parked Cards', 'Help', 'Register', 'Login', 'eBuy', 'eLibrary', and 'GSAAccess@'. Below this is a search bar with the text 'Search' and a dropdown menu for 'Products'. The main content area is titled 'Search Results - Products' and shows a list of search results for 'carpet cleaner'. The results are sorted by 'Most relevant' and limited by price. The list includes four items: 'RESOLVE DUAL POWER SPOT CARPET CLEANER', 'RESOLVE SPOT MAGIC SPOT CARPET CLEANER', 'PROFESSIONAL RESOLVE CARPET EXTRACTION', and 'Carpet Cleaner'. Each item has a description, a price, and a 'Buy/Compare' button. The 'Carpet Cleaner' item is highlighted with a green checkmark. The left sidebar contains various filters and categories, including 'Refine by Keyword', 'Categories', 'Tools, Hardware, & Machinery', 'Furniture & Furnishings', 'Building, Construction, & Industrial', 'Office Solutions', 'Related Terms', 'Narrow Results', 'Contractors', 'Photos', 'Socio-economic', and 'Green/Special Features'.

GSA Advantage!
U.S. General Services Administration

Welcome
My Account | Order Status/History | Parked Cards | Help | Register | Login
eBuy | eLibrary | GSAAccess@

0 Items \$0.00 My Cart

Products | Services | NSN Ordering Search Products Advanced Search

Home > Search Results

Refine by Keyword
Find all these words
Refine

Categories
Hospitality, Cleaning, & Chemicals
Other Cleaning and disinfectin... (2909)
Carpet or upholstery cleaners (634)
Tools, Hardware, & Machinery
Other Power tools (47)
Other Paint solvents and thin... (37)
Furniture & Furnishings
Other Rugs and mats (119)
Rubber or vinyl mats (4)
Building, Construction, & Industrial
Other Pumps (28)
Other Filters (10)
Office Solutions
Printer or facsimile or phot... (15)
Paper towels (9)
Related Terms
Carpet or upholstery cleaners
upholstery cleaners
TECH GROUP PREMIUM CARPET
CLEANER
CARPET AND
Narrow Results
Contractors
See all Contractors
Photos
show all
show only items with photos
Socio-economic
Small Business (550)
Woman owned SB (164)
SBA cert disadvantaged SB (643)
SVC disabled vet owned SB (1115)
SBA cert 8(a) firm (401)
Other than SB (436)
Veteran owned SB (351)
Green/Special Features
American Recovery and Reinvest... (6276)
Disaster Recovery Items (5668)
GreenSeal Seal of Approval (51)
Cooperative Purchasing Items (43)
Low volatile organic compounds (39)
CPG Compliant Items (33)
Biodegradable Items (23)
FPA Primary Metals Free Items (1)

Search Results - Products
Criteria: carpet cleaner
Sort by: Most relevant Limit by price:


1 2 3 4 5 Next>

RESOLVE DUAL POWER SPOT CARPET CLEANER LY77873 Resolve Dual Power Spot Carpet Cleaner. New technology unites two liquid stain removing agents; stain fighters and an Oxi cleaner; the two liquids are kept separate and when applied...	Buy/Compare \$6.35 EA 5 days delivered ARO	No Picture Available
RESOLVE SPOT MAGIC SPOT CARPET CLEANER LY75892 Resolve Spot Magic Spot Carpet Cleaner, 14 Oz. Aerosol Can, 12/Case. Powerful, superior formula. Dissolves tough stains like greasy food, motor oil, red wine, grape juice, ink and ...	Buy/Compare \$4.58 EA 5 days delivered ARO	No Picture Available
PROFESSIONAL RESOLVE CARPET EXTRACTION LY97161 Professional Resolve Carpet Extraction Cleaner (Concentrate), 1 Gallon, 4/Case. One product, one dilution for three cleaning uses: Carpet Extraction Cleaner; Traffic Lane Cleaner & ...	Buy/Compare \$11.18 EA 5 days delivered ARO	No Picture Available
Carpet Cleaner 7930-01-412-0960 1 gal., P/N 129624 or equal, Liquid carpet steam-cleaner shampoo is a fast-drying, low-foam concentrate. Ideal for hot water extraction or "bonnet" method cleaning. Optical brightne...	Buy/Compare \$57.18 BS 33 days	No image available at this time
Rug and Upholstery Cleaner 7930-01-381-3477 22 oz. pump spray, P/N SB-25 or equal, Carpet/upholstery and spot remover for deep down surface cleaning of dirty carpets and upholstery. Also can be used for automotive and plane ...	Buy/Compare \$50.10 BS 10 days ship	No image available

Now use the Environmental Aisle...

Go Green

GSA offers products and services that support your Green efforts and help our nation build a clean energy future and protect the environment.




► learn more about GSA's Green Initiatives >>

"Drive Green with GSA"

Alternative Fuel Vehicles
















► Support our Planet GSA Program with AFVs



Product Search

Look for: in

Select an environmental program below
Note: checking more than one will return only those items having all the indicators selected


<input type="checkbox"/>  BioPreferred	<input type="checkbox"/>  GreenSeal Seal of Approval	<input type="checkbox"/>  GreenGuard
<input type="checkbox"/>  Energy Star Compliant	<input type="checkbox"/>  NESHAP Compliant	<input type="checkbox"/>  EPA Primary Metals Free
<input type="checkbox"/>  CPG Item	<input type="checkbox"/>  PRIME Item	<input checked="" type="checkbox"/>  Low VOC
<input type="checkbox"/>  EPEAT	<input type="checkbox"/>  S.N.A.P. Approved	<input type="checkbox"/>  Biodegradable
<input type="checkbox"/>  FEMP Energy Efficient item	<input type="checkbox"/>  Forest Stewardship Council (FSC)	<input type="checkbox"/>  WaterSense

Finding Green Carpet Cleaner when using Environmental Aisle...


Search Results - Products

[See Ser](#)


Criteria:


carpet cleaner 

and Low volatile organic compounds 

and All Products 

and Other environmental items 

Sort by: Most relevant 


Limit by price: 

Carpet Cleaner

7930-01-412-0968

1 gal., P/N 129624 or equal, Liquid carpet steam-cleaner shampoo is a fast-drying, low-foam concentrate. Ideal for hot water extraction or "bonnet" method cleaning. Optical brighte...

Mfr: N/A

Contractor: [GSA Global Supply](#) 

[Buy/Compare](#)

\$57.18 [BX](#)
33 days



Rug and Upholstery Cleaner

7930-00-113-1913

1/2 gal., Concentrated liquid must be diluted before use. Can be applied with a cleaning machine or manually with a brush. This sanitizing, solvent-based detergent helps keep rugs ...

Mfr: N/A

Contractor: [GSA Global Supply](#) 

[Buy/Compare](#)

\$29.99 [BX](#)
2-7 days



Product Example: Copier Paper

[Home](#) > [Search Results](#)

Refine by Keyword

Categories

Office Solutions

Multifunction machines(1578)
Printer or copier paper(714)

IT Solutions & Electronics

Laser printers(890)
Multi function printers(83)

Furniture & Furnishings

Computer support parts or acce...(4)
Stands(1)

Building, Construction, & Industrial

Other Lifting equipment and ac...(4)

Hospitality, Cleaning, & Chemicals

Waste containers or rigid line...(2)

Related Terms

copier paper
Printer or copier paper

or copier paper
COPY PAPER

Narrow Results

Contractors

[See all Contractors](#)

Search Results - Products

[See Services Results](#)

Criteria:

[copiers](#)

and [All Products](#)

and [Other environmental items](#)

Sort by: [Most relevant](#)

Limit by price: [-----](#)

1 | 2 | 3 | 4 | 5 [Next](#)

Copier Paper

7530-01-200-2207

White, 8-1/2 x 11", SKILCRAFT, Long-grain, 20-lb. basis weight paper, is suitable for use in wet toner liquid process copiers. 84 bright.

Mfr: NIB

Contractor: [GSA Global Supply](#)

[Buy/Compare](#)

\$71.42 [BX](#)

2-7 days



Copier Paper

7530-01-200-2206

White, 8-1/2 x 14", SKILCRAFT, Long-grain, 20-lb. basis weight paper, is suitable for use in wet toner liquid process copiers. 84 bright.

Mfr: NIB

Contractor: [GSA Global Supply](#)

[Buy/Compare](#)

\$87.29 [BX](#)

2-7 days



Copier Paper

[Buy/Compare](#)

What is a green service?

- Require the use or supply of green products
- May incorporate other sustainable performance requirements or elements
- Common examples include:

Building Construction, Renovation, & Repair	Landscaping Services
Building O&M Services	Laundry Services
Cafeteria Services	Meeting & Conference Services
Electronic Equipment Leasing	Pest Management
Fleet Maintenance	Transportation Services

Green Services: Definitions



- **Direct:** services that directly impact the environment:
 - Waste management
 - Metering services
- **Indirect:** Any other service that is performed in an environmentally friendly manner.
 - Accounting
 - Consulting

Buying Indirect Green Services...

- Include green standards or required green products
- Use the information acquired from market research to dictate requirements
- Issue RFIs to determine what green solutions are available.
- Understand trade-offs
- Have clear expectations for the product or service

GSA Green Services Offerings

- There are several services schedules where you can find green services:
 - Schedule 00CORP (8991-8): Environmental Services
 - Schedule 03FAC: Facilities Management Services
 - Schedule 84: Total Solutions for Law Enforcement, Security, Facilities Management, Fire, Rescue, Clothing, Marine Craft and Emergency/Disaster Response
 - Professional Services Schedule

GSA can help you go green!

➤ **Green Procurement Compilation**

- Identify green purchasing requirements and find related guidance

➤ **GSA Advantage!® Environmental Program Page**

- Find and purchase green products and services

➤ **GSA Buy Green Page**

- Get basic information on buying green products, services, and vehicles through GSA
- <http://www.gsa.gov/portal/category/27109>

Summary

- Environmental Benefits
- Laws and Requirements
- Programs
- Tools and Resources



Questions?

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Please send us your green solicitation examples at:
greenpurchasing@gsa.gov